



Application for a Water Right Permit

For Ecology Use
(Date Stamp)

PT. OF ECOLOGY
FISCAL & BUDGET

12 JUL 13 A9:01

Follow the attached instructions. Attach additional sheets as necessary.

- ☐ GROUND WATER ☒ SURFACE WATER
☒ PERMANENT ☐ SHORT TERM ☐ TEMPORARY
☐ DROUGHT

*A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.

Section 1. APPLICANT

RECEIVED

JUN 20 2012

☒ I have participated in a pre-application conference with Ecology.

(Phone calls between Dawn Presler of PUD and Doug Wood of Ecology.)

Applicant/Business Name: Public Utility District No. 1 of Snohomish County ("District")	Phone No: 425-783-1000	Other No: HABITAT PROGRAM
Address: 2320 California Street; PO Box 1107		
City: Everett	State: WA	Zip: 98206-1107
Email Address (if available):		

Contact Name (if different from above): Dawn Presler	Phone No: 425-783-1709	Other No:
Relationship to Applicant: Senior Environmental Coordinator		
Address: 2320 California Street; PO Box 1107		
City: Everett	State: WA	Zip: 98206-1107
Email Address (if available): DJPresler@snopud.com		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: Washington Department of Fish and Wildlife, Attn: Real Estate Services	Phone No: 360-902-2508	Other No:
Address: 600 Capitol Way N		
City: Olympia	State: WA	Zip: 98501-1091
Email Address (if available): internal contact, Hal Beecher, beecherhab@dfw.wa.gov		

For Ecology Use	APPLICATION NO: <u>SI-28734</u>	SEPA: <u>Exempt</u> Not Exempt
	Fec Paid: _____ Check No: _____	ECY Coding: 001-001-WR1-0285-000011
Date Returned _____	By _____	Priority Date <u>7/13/12</u> By <u>DB</u> WRIA: <u>7</u>
Pre-application interviewer: _____		

Section 2. STATEMENT OF INTENT

Do you own the land on which the proposed point of diversion/withdrawal is located? ☒ YES ☐ NO
 If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Briefly describe the purpose of your proposed project: **Construct, operate and maintain a hydroelectric power generation facility, at the existing Washington Department of Fish and Wildlife's trap and haul fish facility at Sunset Falls, to generate electricity for use in the District's power portfolio. The District serves over 320,000 customers in Snohomish County and on Camano Island.**

Anticipated length of time to complete your project: **Licensing project with the Federal Energy Regulatory Commission and permitting by other agencies 2011-2017; final project design 2017-2019; construction 2020; beginning of operations estimated 2022.**

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only) <input checked="" type="checkbox"/> Cubic Feet per Second (CFS) <input type="checkbox"/> Gallons per Minute (GPM)	Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
Power generation and associated uses	2,500 cfs		Continuously
TOTAL:	2,500 cfs		

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES ☒ NO

Is this request for a temporary permit? ☐ YES ☒ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: ____/____/____ TO: ____/____/____

Section 3. POINT OF DIVERSION OR WITHDRAWAL

(Complete A or B, and C below)

A.) If Surface Water Source	B.) If Ground Water Source
<input type="checkbox"/> Spring <input type="checkbox"/> Creek <input checked="" type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	<input type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____ _____
Source Name: <u>South Fork Skykomish River</u>	Well diameter & depth: _____
Tributary to: <u>Skykomish River</u>	Number of proposed points of withdrawal: _____
Number of proposed diversion points: <u>1</u>	Do you have an existing well? <input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have an existing diversion? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If available, attach Water Well Report and pump test.
	Well Tag ID No. _____

C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
00525800206400	NE	NE	29	27N	10E	Snohomish
Lot(s)	Block(s)		Subdivision			
64	B		Mt Index Riversites Div. 2			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:
1208 Feet (☒ North/☐ South) and 286 feet (☐ East/☒ West)
from the (☐NW ☐SW ☒NE ☐SE ☐) corner of Section 29.

Parcel No.	¼	¼	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:
_____ feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)
from the (☐NW ☐SW ☐NE ☐SE ☐) corner of Section _____

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

That portion of Section 29, Township 27 North, Range 10 East, W.M. described as follows: COMMENCING at the northwest corner of The Northeast Quarter of said Section 29; thence South 00° 26' 27" East 522.85 feet to the southerly line of the Great Northern Railroad Right of Way, the TRUE POINT OF BEGINNING; thence South 00° 26' 27" East 925.92 feet; thence North 58° 14' 13" East 1,271.79 feet; thence North 15° 35' 00" West 340.83 feet; thence North 83° 29' 41" West 144.48 feet to the southerly margin of said Railroad; thence angle left 46° 38' 23" to a point of tangency of a curve; thence along said southerly margin on a curve to the right having a radius of 766.21 feet and consuming an angle of 68° 05' 12" for 910.52 feet to the Point Of Beginning.

1/4	1/4	Section	Twp.	Range	County	Parcel No.
NW	NE	29	27 N	10 E	Snohomish	27102900100500

Do you own all the lands on which the proposed place of use is located? ☐ YES ☒ NO.

If no, do you have legal authority to make this application for use of another's land? ☒ YES ☐ NO

Provide owner name(s), address, and phone number: **Washington State Department of Fish and Wildlife, 600**

Capitol Way N, Olympia, WA 98501-1091; (360) 902-2200. In this application, WDFW is not authorizing use of its lands, which will be addressed in a future agreement between the District and WDFW.

Are there any other water rights or claims associated with this property or water system? ☒ YES ☐ NO

If yes, provide the water right and/or claim numbers: **The WDFW has a water right certificate (07447; S1-14279CWRIS) for 180 cfs for the existing fishway for fish propagation.**

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source): _____

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only <i>(defined under RCW 90.03.015)</i>
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ <i>(e.g., home, recreational cabin)</i>	Estimate future population to be served: _____ (20 year projection)
C.) Water System Planning	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, date plan was approved ____/____/____ Water System Number: _____	
Name of water system: _____	

Are you within the service area of an existing water system? ☐ YES ☐ NO

If yes, explain why you are unable to connect to the system: _____

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = _____ ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock: _____

Is the proposed project for a dairy farm? ☐ YES ☐ NO

Other Proposed Farm Uses

Describe all proposed uses: _____

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head 150 feet (net), 156 feet (gross) and proposed capacity in kilowatts: 30,000 kW

Describe works: preliminary configuration includes an intake with a trashrack and fish screens in a V-shaped arrangement, a fish bypass pipe discharging downstream of the diversion, an tunnel intake gate, and an integrated diversion structure with a pneumatic overflow gate for flow control and an overflow weir for instream flow release. An approximately 2,000-foot long, unlined tunnel (approximately 19 feet diameter) would be constructed from the intake, under the S. Fork Skykomish River, to the powerhouse. The powerhouse would be a semi-underground powerhouse housing twin 15 MW turbines and generators.

Indicate all uses to which power is to be applied: Snohomish County PUD is the second largest publicly owned utility in Washington, serving about 320,000 electric customers. Snohomish PUD's service territory covers over 2,200 square miles, including all of Snohomish County and Camano Island. Power from this project would be fed into the electrical system and used by PUD ratepayers.

FERC License No: P-14295 (preliminary permit application filed; license has not yet been issued as of date of this application)

Mining/Industrial Use

Describe use, method of supplying and utilizing water: Not applicable.

Other Use

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☒ YES ☐ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☒ NO

If you answered yes to any of the above questions, please describe: The District proposes to use an inflatable Obermeyer-type diversion structure for this run-of-the-river project. The weir would be approximately 8-foot high and inflatable/deflatable. This will allow the District to divert more or less water (up to full water right) based on existing water conditions in the river and to pass sediment/large woody debris.

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site: From Everett, Washington take State Highway 2 (Stevens Pass Highway) east towards Stevens Pass. To access the trap and haul/powerhouse site, turn right approximately 6 miles east of Gold Bar onto an unmarked, gated road that leads down to the existing trap and haul facility. To access the intake site, turn right approximately 5 miles east of Gold Bar onto Mt Index River Road (this is a private road) and drive for 3.6 miles. The intake site will be on your left.

Site Address: (see place of use address above)

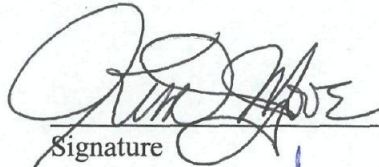
Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

Kim D. Moore

Print Name

(Applicant or authorized representative)



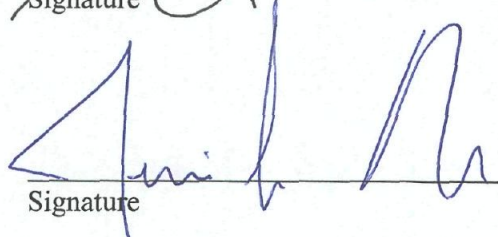
Signature

6/28/2012
Date

Jennifer Quan, Lands Manager, WDFW

Print Name

(Legal Owner or Part Owner Place of Use)



Signature

6/19/12
Date

Note: The Washington Department of Fish & Wildlife signature above is provided only for purposes of this application, and it is subject to completion of a future agreement between the District and WDFW to authorize access and use of WDFW lands.

Please check the region in which the project is located:

*Submit your application to: DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611	<input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input checked="" type="checkbox"/> Northwest Regional Office 3190 – 160 th Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300